

ENTERED Sec Pro

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/914,191

DATE: 01/21/2003 TIME: 10:03:31

Input Set : A:\1377-0170P.ST25.txt
Output Set: N:\CRF4\01212003\I914191.raw

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3 <110> APPLICANT: BRADY, Hugh Redmond et al.
      5 <120> TITLE OF INVENTION: Identification of genes having a role in the
             presentation of diabetic nephropathy
      8 <130> FILE REFERENCE: 1377-0170P
     10 <140> CURRENT APPLICATION NUMBER: US 09/914,191
C--> 11 <141> CURRENT FILING DATE: 2001-12-19
     13 <150> PRIOR APPLICATION NUMBER: 990157
     14 <151> PRIOR FILING DATE: 1999-02-26
     16 <160> NUMBER OF SEQ ID NOS: 33
     18 <170> SOFTWARE: PatentIn Ver. 2.1
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     23 <213> ORGANISM: Homo sapiens
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     27 <222> LOCATION: (1)..(598)
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     33 acceccatee atceetteet teeetgttee eeteecaact tgagttgtgt cattegeace 180
     34 agtgteetgg gtggtaggga tgetacagee acetaaggea aggageeetg ggaggtggga 240
     35 gggettgeat ggttaageae accagaaetg aagegeaaaa gggteagetg tetteateta 300
     36 gaatetetgg atgtteette cagaaageat eeeegatgat ategeagtge aagggeaetg 360
     37 getttgteet ggteegggte aetgeeatet ttttteette eatttetgtt ggeagettaa 420
     38 tttettttgt cateaettea tecacettet gecatateaa cacagteeet tteetataca 480
     39 teggeagete attattatag ttgatgttga atteagaaaa caaaatetea ttettgtetg 540
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     50 <222> LOCATION: (1)..(761)
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     55 tacagaaggg gctrgtcctc aaagtaatcc cgccaataaa acayatagct ggaggcaaac 120
     56 tgggaggyca cgtgagtcat gaactttact ggctcttctt ttaaaccaat tggttttccg 180
     57 cttgwacaca aagctgtact catcactctg tccataacgc gatcacaata tcctctaqtt 240
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58 cttccatcac agtctgcgca catttggtca tcagctggag agcacggctg tcattgggtt 300

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PATENT APPLICATION: US/09/914,191 Input Set : A:\1377-0170P.ST25.txt Output Set: N:\CRF4\01212003\I914191.raw W--> 59 ttgcaaagtt gtgcttctca gcaaaccgat ggaaattccg gccgtccagc cgnactacca 360 60 cccagcagtg tgccaggcag gtgtcgtcag cctcgaagtc cctcacgtac tcgaacttgc 420 61 tttttgccat ggtcgccccc aatctcaggt accgtctcag agtgatggaa atggtggcca 480 62 aggaatcgtg aaccttaact ttacaggcgc cccacattct acacgcggaa aggaaagggc 540 63 cagatagece egeceeggaa gtgttetett egtggetaet etageegtag ggeggteata 600 64 gtctctctcg sctctccctg kagttcttaa mcyyccaggg aaaraggatg gaggtttagg 660 65 ttcctccgtt agcaccttcc acgcttgctt cttcctcctc ccggtctgcg gcaaatcagt 720 66 ctcacgaggt tittaaaaaat taitttitat ctgctggcct t 69 <210> SEQ ID NO: 3 70 <211> LENGTH: 393 71 <212> TYPE: DNA 72 <213> ORGANISM: Homo sapiens 74 <220> FEATURE: 75 <221> NAME/KEY: Unsure 77 <223> OTHER INFORMATION: any n = a, c, g, t any unknown or other 80 atgacacaaa tattaggatt ttatttttac tattatccac cagcaacaag atatcaaaca 60 81 ctggttctgt gattatttaa tggtgaaaaa gttgaataaa tcaatttagt atacccatat 120 82 gttggaatat tgagtccatt tttcttttaa aaatcacact ttggaataat tgatgatact 180 83 ggcaaatgct caagctgagt ggaaaaatat ataaacattg tataggcgaa taattccaat 240 84 cttgtgcatt ccctgtgtaa acctacatac acaaaaagaa aaaagactga aaggaaccat 300 85 ccacaatgct ttgatcggga aagacggaga aacaaagtgt taattttctt aactatagtt 360 W--> 86 ttnggtgtat tccagatttt ctacaagtta ata 89 <210> SEQ ID NO: 4 90 <211> LENGTH: 435 91 <212> TYPE: DNA 92 <213> ORGANISM: Homo sapiens 95 gtactttgga tttggttaac ctgttttctt caagcctgag gttttatata caaactccct 60 96 gaatactett tttgccttgt atetteteag ceteetagee aagteetatg taatatggaa 120 97 aacaaacact gcagacttga gattcagttg ccgatcaagg ctctggcatt cagagaaccc 180 99 acaactaaac aggagccatt tcaaggcggg agatatttta aacacccaaa atggttgggt 300 100 ctgattttca aacttttaaa attcactact gatgattctg cacgctaagg cgaatttggt 360 102 ttgtccacat tctcc 105 <210> SEQ ID NO: 5 106 <211> LENGTH: 273 107 <212> TYPE: DNA 108 <213> ORGANISM: Homo sapiens 110 <220> FEATURE: 111 <221> NAME/KEY: Unsure 113 <223> OTHER INFORMATION: any n = a, c, g, t any unknown or other W--> 116 agaagcaatt taggaancen acagnaaana aatgetgttt tataggagag aaaacacgge 60 117 acaccaaggt taagtagttt gtagacgatg ttgaataggt tcaggtacag gtcaatgcag 120 W--> 118 tgatgaggaa agcacctang tatacttgac agatagtece etttgettaa cacccaacte 180

RAW SEQUENCE LISTING

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Input Set : A:\1377-0170P.ST25.txt
Output Set: N:\CRF4\01212003\I914191.raw

W>		ctccaccctg tgcagtttnn cttgtgccag tgatcacagg attcgctgag tgaattacca	240
		taattggatt taattcacga aggggatgtt ttc	273
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	130	tgaggtgact ctcagcccct ttcccactga gatggactgt ggtgatgctg tgagggtgtg	120
	131	actgacacac cttcatgtgc ccaagcatgg gtttgatcac aggtcacatg cagtttttgg	180
	132	catagtaaat gtatcattgt tcttttcctc cctcctaaag gaaacagagg aatccacctg	240
	133	tatgagagtg ccatgtaggg ataaacttaa aggacagatg acacattggt catgttcgtg	300
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Input Set : A:\1377-0170P.ST25.txt

Output Set: N:\CRF4\01212003\I914191.raw

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60 gtattgtcca cattctccaa c	21
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Input Set : A:\1377-0170P.ST25.txt

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- 264 <211> LENGTH: 20
- 265 <212> TYPE: DNA
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- 268 <400> SEQUENCE: 21
- 269 atgageegea cageetaeac 20
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- 308 <210> SEQ ID NO: 26
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- 310 <212> TYPE: DNA
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- 314 tttgctgtac tagcgacacc 20
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- 322 <400> SEQUENCE: 27
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- 326 <210> SEQ ID NO: 28
- 327 <211> LENGTH: 18
- 328 <212> TYPE: DNA
- 329 <213> ORGANISM: Homo sapiens
- 331 <400> SEQUENCE: 28
- 332 gctcaggata ctcaagac 18
- 335 <210> SEQ ID NO: 29
- 336 <211> LENGTH: 341

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RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/09/914,191

Input Set : A:\1377-0170P.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 544
Seq#:2; N Pos. 353
Seq#:3; N Pos. 363

Seq#:5; N Pos. 17,20,25,29,139,199,200

VERIFICATION SUMMARY

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Input Set : A:\1377-0170P.ST25.txt

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:540 L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:300 L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:360
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:120
L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:180